

ANALYTICAL REPORT

Job Number: 720-17657-2

Job Description: Aspire

For:

LFR, Inc.

1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow



Approved for release.
Melissa Brewer
Project Manager I
1/29/2009 4:30 PM

Melissa Brewer
Project Manager I
melissa.brewer@testamericainc.com
01/29/2009

Job Narrative
720-J17657-2

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

No analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: LFR, Inc.

Job Number: 720-17657-2

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-17657-1 <i>STLC Citrate</i> Chromium	CP-1	0.51	0.50	mg/L	6010B

METHOD SUMMARY

Client: LFR, Inc.

Job Number: 720-17657-2

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL SF	SW846 6010B	
California - Waste Extraction Test with Citrate Leach	TAL SF		CA-WET CA WET Citrate
Preparation, Total Recoverable or Dissolved Metals	TAL SF		SW846 3005A

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: LFR, Inc.

Job Number: 720-17657-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-17657-1	CP-1	Solid	01/14/2009 1335	01/14/2009 1650

Analytical Data

Client: LFR, Inc.

Job Number: 720-17657-2

Client Sample ID: CP-1

Lab Sample ID: 720-17657-1

Date Sampled: 01/14/2009 1335

Client Matrix: Solid

Date Received: 01/14/2009 1650

6010B Metals (ICP)-STLC Citrate

Method: 6010B

Analysis Batch: 720-46350

Instrument ID: Varian ICP

Preparation: 3005A

Prep Batch: 720-46319

Lab File ID: N/A

Dilution: 1.0

Leachate Batch: 720-46189

Initial Weight/Volume: 5 mL

Date Analyzed: 01/29/2009 1504

Final Weight/Volume: 50 mL

Date Prepared: 01/29/2009 1033

Date Leached: 01/26/2009 1437

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Chromium		0.51		0.50

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
-------------	-----------	-------------

Quality Control Results

Client: LFR, Inc.

Job Number: 720-17657-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-46189					
MB 720-46189/1-B	Method Blank	C	Solid	CA WET Citrate	
720-17657-1	CP-1	C	Solid	CA WET Citrate	
720-17657-1MS	Matrix Spike	C	Solid	CA WET Citrate	
720-17657-1MSD	Matrix Spike Duplicate	C	Solid	CA WET Citrate	
Prep Batch: 720-46319					
LCS 720-46319/2-A	Lab Control Spike	R	Water	3005A	
LCSD 720-46319/3-A	Lab Control Spike Duplicate	R	Water	3005A	
MB 720-46189/1-B	Method Blank	C	Solid	3005A	720-46189
720-17657-1	CP-1	C	Solid	3005A	720-46189
720-17657-1MS	Matrix Spike	C	Solid	3005A	720-46189
720-17657-1MSD	Matrix Spike Duplicate	C	Solid	3005A	720-46189
Analysis Batch:720-46350					
MB 720-46189/1-B	Method Blank	C	Solid	6010B	720-46319
LCS 720-46319/2-A	Lab Control Spike	R	Water	6010B	720-46319
LCSD 720-46319/3-A	Lab Control Spike Duplicate	R	Water	6010B	720-46319
720-17657-1	CP-1	C	Solid	6010B	720-46319
720-17657-1MS	Matrix Spike	C	Solid	6010B	720-46319
720-17657-1MSD	Matrix Spike Duplicate	C	Solid	6010B	720-46319

Report Basis

C = STLC Citrate

R = Total Recoverable

Quality Control Results

Client: LFR, Inc.

Job Number: 720-17657-2

Method Blank - Batch: 720-46319

Lab Sample ID: MB 720-46189/1-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/29/2009 1445
Date Prepared: 01/29/2009 1033
Date Leached: 01/26/2009 1437

Analysis Batch: 720-46350
Prep Batch: 720-46319
Units: mg/L

Leachate Batch: 720-46189

Method: 6010B Preparation: 3005A STLC Citrate

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Chromium	ND		0.50

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 720-46319

Method: 6010B Preparation: 3005A Total Recoverable

LCS Lab Sample ID: LCS 720-46319/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/29/2009 1449
Date Prepared: 01/29/2009 1033

Analysis Batch: 720-46350
Prep Batch: 720-46319
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-46319/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/29/2009 1453
Date Prepared: 01/29/2009 1033

Analysis Batch: 720-46350
Prep Batch: 720-46319
Units: mg/L

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chromium	99	98	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: LFR, Inc.

Job Number: 720-17657-2

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 720-46319

Method: 6010B
Preparation: 3005A
STLC Citrate

MS Lab Sample ID: 720-17657-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/29/2009 1456
Date Prepared: 01/29/2009 1033
Date Leached: 01/26/2009 1437
Analysis Batch: 720-46350
Prep Batch: 720-46319
Leachate Batch: 720-46189

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 720-17657-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 01/29/2009 1500
Date Prepared: 01/29/2009 1033
Date Leached: 01/26/2009 1437
Analysis Batch: 720-46350
Prep Batch: 720-46319
Leachate Batch: 720-46189

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chromium	95	95	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Sidhu, Surinder

720-17657

From: Goloubow, Ron [Ron.Goloubow@lfr.com]
Sent: Monday, January 26, 2009 1:54 PM
To: Sidhu, Surinder
Subject: FW: Files from 720-17657-1 Aspire

RUSH

Can you please run an STLC for chromium on this sample? When might the results be available?

SAMPLE #1

Ron Goloubow
LFR Inc.
510-596-9550 Direct Dial
510-501-1789 Cell
510-652-4906 Facsimile
ron.goloubow@lfr.com

RUSH

From: Brewer, Melissa [mailto:melissa.brewer@testamericainc.com]
Sent: Wednesday, January 21, 2009 2:11 PM
To: Goloubow, Ron
Subject: Files from 720-17657-1 Aspire

Please let me know if you have any questions.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: Project Feedback

MELISSA BREWER

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 925.484.1919
www.testamericainc.com

RUSH

Reference: [037260]
Attachments: 1

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

This message (including any attachments) is intended only for the use of the named addressee(s) and may contain information that is legally privileged, confidential or exempt from disclosure under applicable law. If you are not a named addressee, you are hereby notified that any use, dissemination, distribution or copying of this message is strictly prohibited. If you have received this message in error, please notify the original sender immediately by telephone or by return e-mail and delete this message, along with any attachments, from your computer. Thank you.

Report To

Attn: RON GORDON

Company: LFE INC.

Address: 1400 FOWELL ST. 12TH FLOOR

Phone: (510) 652-4500 Email: RON.GORDON@LFE.COM

Bill to: LFE INC. Sampled By: M. JONES

Attn: LFE INC. Phone: 11

Sample ID: CP-1 Date: 11/14/09 Time: 1335 Met: Soil Pres: -

TPH EPA - 1180 ☒ 8021 ☐ 8260B ☒ Gas w/ ☒ BTEX ☐ MTBE

Purgeable Aromatics: BTEX EPA - ☐ 8021 ☐ 8260B

TPH EPA 8015M* ☐ Sucra Gnl ☒ Diesel ☒ Motor Oil ☐ Other

Fuel Tests: EPA 8260B ☐ Gas ☐ BTEX ☐ Five Organics ☐ DCA, EOB ☐ Ethanol

Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B

Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624

Semivolatiles GC/MS ☐ EPA 8270 ☐ 625

Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total

Pesticides ☐ EPA 8081 ☐ 608 ☐ EPA 8082 ☐ 608

PCBs ☐ EPA 8082 ☐ 608

PNAs by ☐ 8270 ☐ 8310

CAM-17 Metals (EPA 6010/7470/7471)

Metals: ☒ Lead ☒ ALUFT ☐ RCRA ☒ LUFTS

Other: ☐

Low Level Metals by EPA 200.86020 (ICP MS)

☐ W.E.T. (STLC) ☐ TCLP

☐ Hexavalent Chromium pH (24h hold time for pH 0)

☐ Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS

Anions: ☐ Cl ☐ SO₄ ☐ NO₃ ☐ F ☐ Br ☐ NC ☐ PO₄

Project Info.

Project Name: ASPIRE

Project#: 003-09155-02

PO#: -

Sample Receipt

of Containers: 3

Head Space: -

Temp: C-4

Conforms to record: -

Credit Card#: -

Report: Route ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Rank Fund EDF

Special Instructions / Comments: -

Global ID: -

Printed Name: J. Lewis

Date: 11/14/09

Company: STL

Analysis Request

1) Received by: J. Lewis Time: 1410

Signature: [Signature]

Printed Name: J. Lewis

Date: 11/14/09

Company: LFE INC

2) Received by: J. Lewis Time: 1630

Signature: [Signature]

Printed Name: J. Lewis

Date: 11/14/09

Company: THS

3) Received by: J. Lewis Time: 1630

Signature: [Signature]

Printed Name: J. Lewis

Date: 11/14/09

Company: THS

4) Received by: J. Lewis Time: 1630

Signature: [Signature]

Printed Name: J. Lewis

Date: 11/14/09

Company: THS

5) Received by: J. Lewis Time: 1630

Signature: [Signature]

Printed Name: J. Lewis

Date: 11/14/09

Company: THS

6) Received by: J. Lewis Time: 1630

Signature: [Signature]

Printed Name: J. Lewis

Date: 11/14/09

Company: THS

Date: 11/14/09 Page 1 of 1

Reference #: 114151

Login Sample Receipt Check List

Client: LFR, Inc.

Job Number: 720-17657-2

Login Number: 17657

Creator: Mullen, Joan

List Number: 1

List Source: TestAmerica San Francisco

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	